FILE 'HOME' ENTERED AT 1[illegible]

FILE 'MEDLINE, EMBASE, BIOSIS, CAPLUS, CANCERLIT, SCISEARCH' ENTERED AT 1[illegible]

```
L1        [illegible] S ANTIBODY###
L2          [illegible] S FRACTURE?
L3        [illegible] S CAVITY
L4             14 S L2 (5A) L3
L5              9 DUP REM L4 (5 DUPLICATES REMOVED)
L6         [illegible] S LIGHT CHAIN OR FL
L7          4374 S L6 (10A) (SIMILAR OR SAME OR IDENTICAL)
L8          [illegible] S L1 (P) L7
L9          2676 S L6 (5A) (SIMILAR OR SAME OR IDENTICAL)
L10          [illegible] S L9 (P) L1
L11          [illegible] S BISPECIFIC OR MULTISPECIFIC
L12             9 S L11 (P) L10
L13             3 DUP REM L12 (6 DUPLICATES REMOVED)
L14        765109 S IDENTICAL
L15          [illegible] S L14 (5A) L6
L16           233 S L15 AND (L1 OR L11)
L17          [illegible] DUP REM L16 (15 DUPLICATES REMOVED)
L18             6 S L15 AND L11
L19             1 DUP REM L18 (5 DUPLICATES REMOVED)
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	T	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
					USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB				
			11969	[illegible]		2002/02/08 12:49			0
					USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB				
			424	[illegible]		2002/02/08 12:51			0
					USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB				
			[illegible]	[illegible]		2002/02/08 12:55			0

T	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
		899/1	[illegible]	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/08 12:55			0
		1391	[illegible] ("same" or similar or identical)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/08 12:57			0
		332	6 with [illegible]	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/08 13:09			0

	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
		1774	bispecific or multispecific	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/08 13:08			0
		2	6 with	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/08 13:08			0
		438	6 same	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/08 13:09			0

	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
				USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB				
				USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB				

L11 ANSWER 20 OF 20 MEDLINE DUPLICATE 2
AN [illegible] MEDLINE
IN [illegible] PubMed ID: [illegible]
TI Amino acid sequence of a platelet-binding human anti-DNA monoclonal autoantibody.
AU Layman D W; Furie B; Schwartz R S; Weiler P J; Furie B C
CS Division of Hematology-Oncology, New England Medical Center, Boston, MA 02111.
NC AI1754; NIAID
SO BLOOD, (1989 Jul) 74 (1) 262-4.
Journal code: A8G; 7603509. ISSN: 0006-4971.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 198908
ED Entered STN: 19900309
Last Updated on STN: 19970203
Entered Medline: 19890830
AB . . . the variable regions of the heavy and light chains of a human IgM
monoclonal platelet-binding autoantibody have been determined. This **antibody**, HF2-1/17, produced by a human x human hybridoma prepared from lymphocytes of a patient with systemic lupus erythematosus and thrombocytopenia,. . . light chain is of the VKI subgroup. The heavy chain is the expression product of the VH26 germline gene. The **light chain** bears significant **homology** to other immunoglobulins of known primary structure, including WEA, GAL, HAU, HK101, and DEN. These results suggest that HF2-1/17 may be an autoantibody derived with little or no modification from germline genes. A model of the **antibody** combining site suggests that arginine 24 and arginine 30 in the light chain (CDR1) interact with a surface defined by. . .
CT Check Tags: Human; Support, U.S. Gov't, P.H.S.
MeSH Terms:
*Antibodies, Monoclonal: GE, genetics
Base Sequence: SU, [illegible]
Binding Sites, Antibody
Blood: UU, [illegible]
DNA: UU, [illegible]
Immunoglobulin Variable Region: UU, [illegible]
Immunoglobulins, Heavy-Chain: UU, [illegible]
Immunoglobulins,. . .
SH **Antibodies**, Monoclonal ; [illegible] ; Binding Sites, **Antibody** ; [illegible] ; Immunoglobulins, Heavy-Chain ; [illegible] ;

L11 ANSWER 1 OF 3 MEDLINE PUBLICATION
AN [illegible] MEDLINE
IN [illegible] PubMed ID: [illegible]
TI Variable domain structure of kappaIV human **light chain**
Len: high **homology** to the murine **light chain**
McPC603.
AU Huang D B; Chang C H; Ainsworth C; Brown J; Furmon A; Stevens P J; Schiffer M
CS Center for Mechanistic Biology and Biotechnology, Argonne National Laboratory, IL 60439, USA.
NC CA 10056 (NCI)
PK45767 (NIDDK)
SO MOLECULAR IMMUNOLOGY, [1997] (Jan) 34 (1) 1291-301.
Journal code: MG1; 7805028. ISSN: 0161 5890.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199808
ED Entered STN: 19980820
Last Updated on STN: 19980819
Entered Medline: 19980811
TI Variable domain structure of kappaIV human **light chain**
Len: high **homology** to the murine **light chain**
McPC603.
AB **Antibody** light chains of the kappa subgroup are the predominant light chain component in human immune responses and are used almost exclusively in the **antibody** repertoire of mice. Human kappa light chains comprise four subgroups. To date, all crystallographic studies of human kappa light chains. . . to a murine light chain and can be expected to facilitate detailed structural comparisons necessary for effective humanization of murine **antibodies**.